(check one)

Page 2/13#4





## DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

As a below-named inventor; I hereby declare that:

1.

My residence, post office address and citizenship are as stated below next to my name.

is attached hereto.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: ADVANCED SIGNALING FOR MULTISTAGE TRANSCEIVERS, the specification of which,

2. 🛛	was filed on	December 21, 2000	as
2. 🖂	U.S. Application	n No. <u>09/748,760</u>	
		ed on	
3. 🗆	was filed on		as
<i>√.</i> □	International PC	T Application No.	
	and was amend	ed on	•
I hereby state that I have reviewed by any amendment referred to about		the contents of the above-identified	specification, including the claims, as amended
I acknowledge the duty to disclose CFR § 1.56.	e information wh	aich is material to the examination o	of this application in accordance with Title 37,
patent or inventor's certificate, or United States, listed below and have	§ 365(a) of any love identified belo	PCT International application which	d) or § 365(b) of any foreign application(s) for a designated at least one country other than the application for patent or inventor's certificate, hich priority is claimed:
Prior Foreign Application(s)			Priority Benefits Claimed?
			Yes No
(Appl. No.)	(Country)	(Filing Date)	<u> </u>
			□Yes □No
(Appl. No.)	(Country)	(Filing Date)	<u> </u>
I hereby claim the benefit under 35	5 U.S.C. §119(e)	of any United States provisional app	lication(s) listed below:
Prior Provisional Application(s)			
Prior Provisional Application(s)  (Application No.)	(Filing	Date)	

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the springs of the states of PCT International application in the manner provided by the first paragraph of

application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentable y as defined in Title 37, Code of Federal Regulations. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s)						
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)				
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)				

And I hereby appoint the law firm of Ritter, Van Pelt & Yi LLP, including Michael J. Ritter (Reg. No. 36,653); Dan H. Lang (Reg. No. 38,531); Cindy S. Kaplan (Reg. No. 40,043); and Peggy A. Su (Reg. No. 41,336) as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Please Direct all Correspondence To:

Customer No. 26541

Ritter, Lang & Kaplan LLP 12930 Saratoga Ave., Suite D1

Saratoga, CA 95070

Direct Telephone Calls To:

Dan H. Lang at telephone number (408) 446-8694

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

l ypewritten Full Name of				
Sole or First Inventor:	Alireza Raissinia	Citizenship:	<u>USA</u>	
Inventor's signature:	All Ramin	Date of Signature:_	2/10/01	
Address: (City)	Monte Sereno	(State/Country)	CA/USA	
Post Office Address:	15147 Elm Park, Monte Sereno, CA 95030	All Mark No. 19		
Lypewritten Full Name of Second Inventor:	Gregory Taylor	Citizenship:	USA	
inventor's signature:		Date of Signature:_		
Address: (City)	Woodside	(State/Country)	CA/USA	
Post Office Address:	13830 Skyline Blyd., Woodside, CA 94062	, · · · · · · · ·		

		OT	PE
Typewritten Full Name of Third Inventor:	Gretuory Rateligh	Citizenship: USA SEP 2	8 20
Inventor's signature:	Trestaten	Date of Signature: 2/15/0/	
Address: (City) _	Woodside	(State/Country)CA/USA	EMA
Post Office Address: _	131 Fox Hollow Road, Woodside, CA	94062	
Typewritten Full Name of Fourth Inventor:	Michael Pollack	Citizenship: USA	
Inventor's signature:	· · · · · · · · · · · · · · · · · · ·	Date of Signature:	
Address: (City) _	Cupertino	(State/Country) <u>CA/USA</u>	
Post Office Address:	20196 Northbrook Square, Cupcrtino,	CA 95014	
Typewritten Full Name of Fifth Inventor:	Vincent K. Jones IV	Citizenship: USA	
Inventor's signature:	Out Do for I	Date of Signature: 2 (17/4)	
Address: (City) _	Redwood City	(State/Country) <u>CA/USA</u>	
Post Office Address:	7066 Seabrook Court, Redwood City,	CA 94065	

408 446 8691;

Sent By: RITTER LANG KAPLAN ;

Page 4/13

## DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docker to. CISCP667

As a below-named inventor, I hereby declare that:

;							
My residence, post office a	address and	l citizenship a	ire as stated belov	next to my name.			
I believe that I am the orig names are listed below) ADVANCED SIGNALLY	of the su	bject matter	which is claime	d and for which	a patent is s	ought	and joint inventor (if plural on the invention entitled:
(check onc)	1. 🔲 i	s attached her	eto.				
: :	ι	J.S. Applicati	on No09/74	2000 18,760	<del></del>	s	·
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I hereby state that I have r by any amendment referre			the contents of the	ne above-identified	specification,	includ	ling the claims, as amended
CFR § 1.56.  I hereby claim foreign pripatent or inventor's certifi	ority bene- leate, or § v and have	fits under Titl 365(a) of any identified bel	le 35, United State PCT Internation low, by checking	es code, § 119(a)- al application which the box, any foreig	(d) or § 365(b) th designated a gn application :	) of an at least for pat	y foreign application(s) for one country other than the ent or inventor's certificate, ned:
Prior Foreiga Applicatio	n(s)				P	riority	Benefits Claimed?
:						]Ycs	□No
(Appl. No.)	- (	Country)	(Filing Date)			_	
:						]Yes	□No
(Appl. No.)	(	Country)	(Filing Date)				•
I hereby claim the benefit	under 35 U	J.S.C. §119(e	) of any United St	ates provisional ap	plication(s) lis	sted be	low:
Prior Provisional Applic	ation(s)						
:							
(Application No.)		(Filin	ng Date)	•			
(Application No.)		(Filin	g Date)				

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PC International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first papagarage of Title 35. United States Code, § 112, I acknowledge the duty to disclose information which is material to patentiality as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s)						
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)				
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)				

And I hereby appoint the law firm of Ritter, Van Pelt & Yi LLP, including Michael J. Ritter (Reg. No. 36,653); Dan H. Laug (Reg. No. 38,531); Cindy S. Kaplan (Reg. No. 40,043); and Peggy A. Su (Reg. No. 41,336) as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Please Direct all Correspondence To:

Customer No. 26541 Ritter, Lang & Kaplan LLP 12930 Saratoga Ave., Suite D1

Saratoga, CA 95070

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Dan H. Lang at telephone number (408) 446-8694

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Typewritten Full Name of Sole or First Inventor:	Alireza Raissinia	Citizenship:	USA	
Inventor's signature:	Alf Bai	Date of Signature:_	3/20/200/	
Address: (City)	Monte Sereno	(State/Country)	<u>CA/USA</u>	
Post Office Address:	15147 Elm Park, Monte Sereno, CA 95030			
_ :				
Typewritten Full Name of Second Inventor:	Gregory Taylor	Citizenship:	USA	
Inventor's signature:		Date of Signature:_	· ·	_
Address: (City)	Woodside	(State/Country)	CA/USA	_
Post Office Address:	13830 Skyline Blvd., Woodside, CA 94062		protein a second	

Sent By: RITTER LANG KAPL	408 446 8691	; Sep-7-01 1:41PM;	Page
•		. •	/
Typewritten Full Name of			SEP SEP
Third Inventor:	Gregory Raleigh	Citizenship: USA	<u> </u>
		21.	
Inventor's signature:	74/6/1	Date of Signature: 3/2	0/01
Address: (City)	Woodside	(State/Country) CA/U	<u>SA</u>
Post Office Address:	131 Fox Hollow Road, Woodside, 6	CA 94062	
Typewritten Full Name of	Michael Pollack	Citizenship: USA	
Fourth Inventor:	Michael Poliack	Citizensinp.	<del></del>
Inventor's signature:		Date of Signature:	
Address: (City)	Cupertino	(State/Country) <u>CA/U</u>	<u> </u>
Post Office Address:	20196 Northbrook Square, Cupertin	10, CA 95014	<del></del>
Typewritten Full Name of			
Fifth Inventor:	Vincent K. Jones IV	Citizenship: USA	
Inventor's signature:	().n./	Date of Signature: 3 2°	81
Address: (City)	Redwood City	(State/Country) <u>CA/U</u>	<u>SA</u>
Post Office Address:	29% Scabrook Court, Redwood Ci	ry, CA 94065	
	2060		

SEP 2 8 2000

## DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No.

As a below-named inventor,	Ī	hereby	dec	lare	that:
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My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: ADVANCED SIGNALING FOR MULTISTAGE TRANSCEIVERS, the specification of which,

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	<b>2</b>	_	:1	sad specification	n. includi	ng the claims, as amended
I have reviewed	and understand	d the contents of t	he above-identi	ned specification		•
t referred to abo	ve.					
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pplication(s)					□Yes	∏No
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Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 3 (c) of any PC International application designating the United States, listed below and, insofar as the subject matter of each of the slaims of the application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)		(Filing Date)	(Status	- patented, pending, al	pandoned)	
(Application No.)		(Filing Date)	(Status	- patented, pending, al	pandoned)	
And I hereby appoint the law No. 38,531); Cindy S. Kapla application and to transact all	ın (Reg. No	. 40,043); and Peggy	A. Su (Reg. 1	No. 41,336) as my prin		
Please Direct all Correspond	lence To:	Customer N Ritter, Lang & Kap 12930 Saratoga Av Saratoga, CA 9507	plan LLP e., Suite Dl			
Direct Telephone Calls To:		Dan H. Lang at tel	ephone numb	er (408) 446-8694		
I hereby declare that all staten are believed to be true; and for made are punishable by fine of false statements may jeopardize Typewritten Full Name of Sole or First Inventor:	orther that the rimprisonment of the validition of the validities.	nese statements were n nent, or both, under see	nade with the tion 1001 of T	knowledge that willful itle 18 of the United S	l false statements and the	like so
Inventor's signature:				Date of Signature:		
Address: (City)	Monte	Sereno		(State/Country)	CA/USA	
Post Office Address:	15147	Elm Park, Monte Sere	no, CA 95030		Proposition of the second of t	
Typewritten Full Name of Second Inventor:	Grego	ry Taylor		Citizenship:	USA	
Inventor's signature:	Dre,	1049L		Date of Signature:_	2 25 2001	
Address: (City)	Woods	sida	<del></del>	(State/Country)	CA/USA	
Post Office Address:	13830	Skyline Blyd., Woodsi	ide. CA 94062			

Typewritten Full Name of Third Inventor:	Gregory Raleigh	Citizenship:	USA SEP 2 8 7
Inventor's signature:	was the state of t	Date of Signature:_	MADEN
Address: (City) _	Woodside	(State/Country)	CA/USA
Post Office Address:	131 Fox Hollow Road, Woodside	<u>, CΛ 94062</u>	
Typewritten Full Name of Fourth Inventor:	Michael Pollack	Citizenship:	USA
Inventor's signature:		Date of Signature:	
Address: (City) _	Cupertino	(State/Country)	CA/USA
Post Office Address:	20196 Northbrook Square, Cupert	rino, CA 95014	
Typewritten Full Name of Fish Inventor:	Vincent K. Jones IV	Citizenship:	USA
Inventor's signature:	Marine Marine	Date of Signature:_	· Constant of the state of the

2065 Seabrook Court, Redwood City, CA 94065

408 446 8691;

Sep-7-01 1:42PM;

Sent By: RITTER LANG KAPLAN ;

Address:

Post Office Address:

(City) Redwood City

(State/Country) <u>CA/USA</u>

## DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No.

As a below-named inventor, I hereby declare that:

1 🔲

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: ADVANCED SIGNALING FOR MULTISTAGE TRANSCEIVERS, the specification of which,

(check one)	1.	is attached he	ereto.	•
	2. 🔀	was filed on	December 21, 2000	as
			tion No. <u>09/748,760</u>	
£			nded on	
:				
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		and was ame	nded on	•
I acknowledge the of CFR § 1.56.  I hereby claim foreign.	referred to about to disclossign priority be	e information in nefits under Ti	which is material to the exactle 35, United States code,	identified specification, including the claims, as amended mination of this application in accordance with Title 37, \$ 119(a)-(d) or § 365(b) of any foreign application(s) for
United States, listed	below and had application h	ve identified be	clow, by checking the box, a	tion which designated at least one country other than the my foreign application for patent or inventor's certificate, ation on which priority is claimed:  Priority Benefits Claimed?
(Appl. No.)	•	(Country)	(Filing Date)	
		• •		
				Yes No
(Appl. No.)		(Country)	(Filing Date)	
I hereby claim the bo	enefit under 35	5 U.S.C. §119(6	e) of any United States provi	sional application(s) listed below:
Prior Provisional A	application(s)			
(Application No.)	/ 5-2"	(Fili	ng Date)	
(Application No.)			ng Date)	



Sent By: RITTER LANG KAPLAN

Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § \$65(c) of any PC International application designating the United States, listed below and, insofar as the subject matter of each of the Sailing of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35. United States Code, § 112, I acknowledge the duty to disclose information which is material to patental dity as defined Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and or PCT international filing date of this application:

		•				
(Application No.)		(Filing Date)	(Status - patented, pending, al	atus - patented, pending, abandoned)		
		(Filing Date)	(Status - patented, pending, al	(Status - patented, pending, abandoned)		
No. 38,531); Cindy S. Kapl:	an (Reg. No	. 40,043); and Peggy	including Michael J. Ritter (Reg. 1 A. Su (Reg. No. 41,336) as my print rk Office connected therewith:			
Please Direct all Correspondence To:		Customer No. 26541 Ritter, Lang & Kaplan LLP 12930 Saratoga Ave., Suite D1 Saratoga, CA 95070				
Direct Telephone Calls To:		Dan H. I.ang at telephone number (408) 446-8694				
are believed to be true; and f	urther that the	ese statements were ment, or both, under sec	cledge are true and that all statements and with the knowledge that willful tion 1001 of Title 18 of the United Sany patent issuing thereon.	I false statements and the like so		
Typewritten Full Name of Sole or First Inventor:	Alireza	a Raissinia	Citizenship:	USA		
Inventor's signature:			Date of Signature:_	Date of Signature:		
Address: (City)	Monte	Sereno	(State/Country)	CA/USA		
Post Office Address:	15147	Elm Park, Monte Serer	no, CA 95030			
Typewritten Full Name of Second Inventor:	Gregor	y Taylor	Citizenship: Date of Signature:_	USA		
Inventor's signature:  Address: (City)	Woods	iide	_	ÇA/USA		
Post Office Address:		Skyline Blvd., Woodsi				

Typewritten Full Name of		•	/0			
Third Inventor:	Gregory Raleigh	Citizenship:	USA ( SEP			
Inventor's signature:		Date of Signature:_	LLZ.			
Address: (City)	Woodside	(State/Country)	CA/USA			
Post Office Address:	131 Fox Hollow Road, Woodside, CA 94062					
Typewritten Full Name of						
Fourth Inventor:	Michael Pollack	Citizenship:	USA			
Inventor's signature:	Aridon Kallal	Date of Signature: 7/20/0/				
Address: (City)	Cupertino	(State/Country)	CA/USA			
Post Office Address:	20196 Northbrook Square, Cupertino, CA 95014					
!	10475 San Fernando Ave					
Typewritten Full Name of Fifth Inventor:	Vincent K. Jones IV	Citizenship:	USA			
Inventor's signature:		Date of Signature:				
Address: (City)	Redwood City	(State/Country)	CA/USA			
Post Office Address	2065 Seabrook Court Redwood City C	A 04065				